ABSTRACT

A full service channel access protocol that supports the integrated transport of voice, video and data communications is provided by dividing a communication channel into a plurality of frames, dividing each of the frames into a plurality of slots,

5   and dividing some of the plurality of slots into a plurality of mini-slots. The mini-slots are provided for use by the multiple communication sources to request the establishment of a new voice, data, or video transmission connection over the communication channel. Additionally, a second one of the plurality of slots is divided into a plurality of second mini-slots for use by the multiple communication sources to

10 request the establishment of a new voice, data, or video transmission connection over the communication channel and for use by the multiple communication sources to augment an existing video connection over the communication channel. The method enables timely and power efficient communications over communication network